



AGROMET ADVISORY BULLETIN
GRAMIN KRISHI MAUSAM SEWA, AMFU, KOLHAPUR
ZONAL AGRICULTURAL RESEARCH STATION,
SHENDA PARK, KOLHAPUR



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Weather based Agromet Advisory committee meeting dated 28.06.2024

District: SATARA

Last Week Weather Summary (22.06.2024 to 28.06.2024)							Weather Parameters	Weather Forecast (29.06.2024 to 03.07.2024)				
22	23	24	25	26	27	28	Date	29	30	01	02	03
-	-	-	-	-	-	-	Rainfall (mm)	24	22	24	28	18
-	-	-	-	-	-	-	Max. Temp. (°C)	29	29	31	31	30
-	-	-	-	-	-	-	Min. Temp. (°C)	23	23	22	22	23
-	-	-	-	-	-	-	Cloud Cover	8	8	8	8	8
-	-	-	-	-	-	-	Max. RH (%)	86	84	85	85	85
-	-	-	-	-	-	-	Min. RH (%)	81	69	75	78	78
-	-	-	-	-	-	-	Wind Speed(km/hr)	24	24	24	27	28
-	-	-	-	-	-	-	Wind Direction	WSW	WSW	WSW	WSW	WSW

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary/ Alert		Weather forecast given by Regional Meteorological Centre, Mumbai has indicated there is forecast of cloudy sky from 29th June to 3rd July in Satara district. There is forecast of moderate rainfall at fairly widespread places on 29th June, 1st and 2nd July while forecast of moderate rainfall at scattered places on 30th June and 3rd July in Satara district. During next 5 days Maximum temperatures will remain nearby 29.0 to 31.0°C and minimum between 22.0 to 23.0°C respectively. Morning relative humidity will remain nearby 84 to 86% and Afternoon relative humidity will remain 69 to 81%. Wind speed will remain from 24 to 28 km/hr. According to Extended Range Forecast (ERF) in Madhya Maharashtra Sub Division rainfall will remain above normal, maximum temperature will remain normal and minimum temperature will remain normal valid from 30 th June to 6 th July, 2024
Weather warning		<ul style="list-style-type: none"> ➤ Heavy rainfall very likely to occur at isolated places in Ghat areas in the districts of Satara on 28th, 29th, 30th June. ➤ Heavy to very heavy rainfall very likely to occur at isolated places in Ghat areas in the district of Satara on 1st and 2nd July.
General Advisory		➤ Farmers from Jawali, Karad, Khandala, Khatav, Koregaon, Mahabaleshwar, Maan, Phaltan, Patan, Satara and Wai tahsil can carry out sowing of Kharif crop like Maize, Soybean, Groundnut, Green gram, Black gram at vafasa condition and where sufficient rainfall is received (75 to 100mm).
SMS Advisory		➤ There is forecast of heavy rainfall at isolated places in ghat areas of Satara district from 28 th June to 2 nd July thus farmers should take care of themselves and their cattle's.
Sorghum	Sowing	<ul style="list-style-type: none"> ➤ Carry out sowing at sufficient moisture condition <i>i.e</i> vafasa condition in soil. If there is availability of source of irrigation then carry out sowing in last week of June. The nuisance by the Stem fly is very low in early sown crop. ➤ Seed treatment: Treat the 10 kg of Sorghum seeds with Azatobactor @ 250 gram or Azospirillum @ 250 gram, thus the yield can increase by 15 to 20%. ➤ Fertilizer dose: 50kg Nitrogen, 50 kg Phosphorus and 50kg Potassium per hector at the time of sowing of crop. ➤ Collect the seeds of following varieties of Sorghum for Sowing. ➤ Hybrid: C.S.H.-5, C.S.H.9, C.S.H.-14, Developed: S.P.V.-462, C.S.V.13, C.S.V.15,P.V.K.-801, Sweet Jowar: S.S.V.-84, C.S.V.-24, Phule Vasundhara.
Bajara	Presowing	<ul style="list-style-type: none"> ➤ Collect the seeds of following varieties of Bajara crop for sowing in <i>Kharif</i> season. ➤ Hybrid : Phule Adishakti, Phule Mahashakti and Improved varieties : Dhanshakti
Rice	Nursery	➤ Give fertilizer dose of 500 gram Nitrogen per guntha after 15 days of sowing of rice in nursery.
Maize	Sowing	Seed rate: Seed purpose- 6 to 8 kg per Acre, Fodder purpose- 30 kg per acre



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		Seed treatment: Treat the seeds with Thiram @ 2 to 2.5 gram per kg of Seed. Apply Azatobactor Bacterial culture @ 25 gram per kg of seed and then carry out sowing
Soybean	Sowing	Seed treatment: The seed having > 70% germination percentage which requires 55 to 70 kg for sowing. Seed treatment: For control of soil born diseases carry out seed treatment with Carbendezium 37.5% + Thiram 37.5% D.S. 30 gram per 10 kg of seed then treat the seed with Azokzistrobin 2.5%+Thiophenate Methyl 11.25% + Thiamethoxam 25% F.S. 100 ml per 10 kg of seeds which protect crop from stem fly during seedling stage. ➤ Intercropping: Soybean + Pigeon pea (3:1)
Groundnut	Sowing	Seed treatment : To protect from Seed born and disease infecting during seedling stage treat seed with 2.5 Gram Mancozeb or Trichoderma Biological fungicide then apply Rhizobium @ 2 5gram and 25 gram Phosphorus solubilising Biological culture per kg of seed. Intercropping ➤ In Kharif Groundnut crop Soybean, Sunflower, Green gram, Black Gram and Pigeonpea can be taken as intercrop in 6:2 ratio. ➤ For control of Leaf eating Caterpillar take Groundnut + Soybean (4:1) and two rows of Castor along with the border.
Green gram	Sowing	Collect the seeds of following varieties of Green gram for sowing in kharif season Vaibhav, P.K.V. M.K.M-4, B.M.2003-2, B.M.2002-1, Utkarsh, Phule Chetak, Phule Suvarn (PM-702-1) Carry out seed treatment with 5 gram Trichoderma per kg of seed and then treat the seeds with 25 gram Rhizobium and PSB bacterial culture through cold Jaggary water. Use Cowpea class culture for Green gram seeds.
Sugarcane	Vegetative	➤ Use light traps for control of White grubs. ➤ Keep the sugarcane field weed free.
Mango	Growth	➤ Give 50 kg FYM and Fertilizer dose @ 750gram Nitrogen (1.625 kg Urea) + 500 gram Phosphorus (3.125 kg Single Super Phosphate) + 500 gram Potash (840 gram Murate of Potash) to full grown Mango tree in July Month when there is no rainfall.
Animals	Growth	➤ Keep cowshed dry and clean. Do not allow water to stagnate in cowshed. For green fodder give preference to Sorghum, Pearl Millet, Maize crops likewise carry out planting of Yashvant and Methigrass. ➤ If the rainwater spills on the dry fodder and the fungus grows on that fodder then that fungal infested fodder should not be given to the animals this fodder should be destroyed immediately. Feed and nutrients should not keep in humid areas. Take care that the wetness of wall should not come into the stored fodder.

Source:

1) Weather Forecast : Research Section, Mumbai

Place : ZARS, KOLHAPUR

Date : 28.06.2024

Sd/-
Nodal Officer, GKMS, &
Associate Director of Research,
ZARS, Kolhapur